

**ABSTRACT**

**Title: Message Broker**

- 5 A message broker for transmitting message from a first client system to a second client system, the message broker comprising at least one message channel, a first channel adapter and a second channel adapter,
- the first channel adapter being operable to;
- 10 receive a message from the first client system encoded in an Internet protocol and comprising content information and destination information,
- read the destination information from the message, and send a push request to place the message in a message channel corresponding to the destination information,
- the second channel adapter being operable to;
- 15 receive a message request from the second client system encoded in an Internet protocol and comprising source information,
- read the message request and identify a message channel corresponding to the source information,
- 20 send a pull request to the identified channel, and
- generate a response accordingly.